NOSB Livestock Committee Position Paper to be presented at the September 2002 NOSB Meeting, Washington DC

PROTEINATED CHELATES

Motion: Chelated Trace minerals should be added to 205.603 synthetic substances allowed for use in organic livestock production with the following restriction: Proteinated and polysaccharide Chelates only. Amino Acid Chelates are prohibited.

Vote tallies

Yea	Nay	Abstain	Absent
Michael, Jim, Becky, George, Nancy			Dave

- All agreed that these are SYNTHETIC

Background:

- Synthetic Amino Acids are prohibited so Chelated complexes are inappropriate.
- Chelated minerals are absorbed much better than straight mineral making them useful for maintaining animal health.

Significant Sideline Issue:

- The reviewers focused on the Amino Acid Chelates. They recommended to prohibit based on the fact that synthetic Aas are prohibited and GMO.
  However: 1) In chelated forms Amino Acids would not be present in significant concentrations to influence nutrition without over dosing the mineral. 2) The trace minerals can be delivered without Synthetic AAs

Summary of Opinion:

- Chelated minerals are much more readily absorbed than straight minerals. Mineral balance in animals is essential for overall health and disease avoidance.
- Regional soil deficiencies and transitioning farms still building soil minerals need these tools for good animal husbandry.
- The seven part Feed Recommendation from Austin mandates that Metal complexes, both Amino Acid and Proteinated be reviewed for suitability.